

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S1 | 0 | "09830306" | US-PGPUB; USPAT | OR | OFF | 2011/01/10 15:39 |
| S6 | 12 | "05,956,683" "05,917,835" "05,897,616" "06,775,652" "05,305,332" "05,636,231" "05,673,363" "05,706,396" "05,774,837" "05,991,725" "06,157,830" | US-PGPUB; USPAT | OR | ON | 2011/01/11 11:38 |
| S7 | 5 | ("05,956,683" "05,917,835" "05,897,616" "06,775,652" "05,305,332" "05,636,231" "05,673,363" "05,706,396" "05,774,837" "05,991,725" "06,157,830") and (speech voice) adj1 recogni\$4 | US-PGPUB; USPAT | OR | ON | 2011/01/11 11:38 |
| S8 | 1 | ("05,956,683" "05,917,835" "05,897,616" "06,775,652" "05,305,332" "05,636,231" "05,673,363" "05,706,396" "05,774,837" "05,991,725" "06,157,830") and (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 11:39 |

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|-----|-----|--|--|----|----|------------------|
| S9 | 16 | "704/222.col.s and @ad="19981113" and (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 11:39 |
| S10 | 178 | "704"/\$.cols. and @ad="19981113" and (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 11:40 |
| S11 | 71 | "704"/\$.cols. and @ad="19981113" and (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4) with frame | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 11:40 |
| S12 | 37 | "704"/\$.cols. and @ad="19981113" and (speech voice) adj1 recogni\$4 same (distribut \$4 transmi\$4 communicat \$4 transfer\$4) and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4) with frame | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 11:42 |
| S13 | 1 | "704"/\$.cols. and @ad="19981113" and (speech voice) adj1 recogni\$4 same (distribut \$4 transmi\$4 communicat \$4 transfer\$4) and (parameter) with (conceal\$4 eras\$4 replac \$4) with frame with vector | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 11:43 |
| S14 | 1 | "704"/\$.cols. and @ad="19981113" and (speech voice) adj1 recogni\$4 same (distribut \$4 transmi\$4 communicat \$4 transfer\$4) and (parameter vector) with (conceal\$4 eras\$4) with frame | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 11:46 |

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|-----|---|--|--|----|----|------------------|
| S15 | 0 | "704"/\$.cls. and @ad<"19981113" and (speech voice) adj1 recogni\$4 and (parameter vector) with (conceal\$4 eras\$4) with frame and replac\$4 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 11:46 |
| S16 | 3 | "704"/\$.cls. and @ad<"19981113" and (speech voice) adj1 recogni\$4 and (parameter vector) with (conceal\$4 eras\$4) with frame | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 11:47 |
| S17 | 3 | @ad<"19981113" and (speech voice) adj1 recogni\$4 and (parameter vector) with (conceal\$4 eras\$4) with frame | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 11:52 |
| S18 | 0 | @ad<"19981113" and (speech voice) adj1 recogni\$4 with (distribut \$4 transmi\$4 transfer\$4 communicat\$6) and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac\$6 substitut\$4) with (error\$4 loss lost) with (segment\$4 block frame) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 12:07 |
| S19 | 0 | 704/222.cls. and @ad<"19981113" and distributed with (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 12:08 |
| S20 | 0 | 704/201.cls. and @ad<"19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat \$6) with (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 12:09 |

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|-----|---|--|---|----|----|---------------------|
| S21 | 2 | 704/231.ccls. and @ad:="19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat \$6) with (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 12:09 |
| S22 | 0 | 704/221.ccls. and @ad:="19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat \$6) with (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 12:10 |
| S23 | 0 | 704/231.ccls. and @ad:="19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat \$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac\$6 substitut\$4) with (error\$4 loss lost) with (segment block frame) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 12:12 |
| S25 | 0 | 704/233.ccls. and @ad:="19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat \$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac\$6 substitut\$4) with (error\$4 loss lost) with (segment block frame) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 12:12 |

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|-----|---|---|--|----|----|------------------|
| S26 | 0 | "704"/\$.cls. and @ad:>"19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat\$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac\$6 substitut\$4) with (error\$4 loss lost) with (segment block frame) | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 12:13 |
| S27 | 0 | @ad:>"19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat\$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac\$6 substitut\$4) with (error\$4 loss lost) with (segment block frame) | US_PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/01/11 12:13 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------------|------------------|---------|------------------|
| L47 | 0 | 704/222.cls. and @ad:>"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut\$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error\$4 loss lost)).clm. | US_PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 16:42 |

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|-----|---|---|-----------------------|----|----|------------------|
| L48 | 0 | 704/221.ccls. and @ad<"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$4 loss lost)).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 16:42 |
| L49 | 0 | 704/201.ccls. and @ad<"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$4 loss lost)).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 16:42 |
| L50 | 0 | 704/231.ccls. and @ad<"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$4 loss lost)).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 16:42 |
| L51 | 0 | 704/233.ccls. and @ad<"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$4 loss lost)).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 16:42 |

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|-----|---|--|-----------------------|----|----|------------------|
| L52 | 0 | @ad<"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$6 loss lost)).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 16:43 |
| L53 | 1 | @ad<"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$6 loss lost)) | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 16:43 |
| L55 | 0 | @ad<"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (substitut\$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error\$6 loss lost)) | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 16:45 |
| L63 | 0 | @ad<"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (recover\$4 correct\$4 conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$6 loss lost corrupt\$4) with (segment block frame)) | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 16:56 |
| L67 | 7 | (pearce-david\$ gibbs-jon\$).in. and (speech voice) adj2 recogni\$4 | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 17:06 |

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|-----|---|---|-----------------------------|----|----|---------------------|
| L68 | 2 | (pearce-david\$ gibbs-jon\$). in. and (speech voice) adj2 recogni\$4 and replac \$4 | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 17:07 |
| S4 | 0 | 09/830306 | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/10 15:40 |
| S5 | 0 | "09830306" | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/10 15:41 |
| S43 | 0 | 704/233.ccls. and @ad<"19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat\$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac \$6 substitut\$4) with (error \$4 loss lost) with (segment block frame) | USPAT; UPAD | OR | ON | 2011/01/11 12:15 |
| S44 | 0 | 704/222.ccls. and @ad<"19991113" and (distribut\$4 transmi\$4 transfer\$4 communicat\$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac \$6 substitut\$4) with (error \$4 loss lost) with (segment block frame)) | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 12:15 |
| S45 | 0 | 704/222.ccls. and @ad<"19991113" and (distribut\$4 transmi\$4 transfer\$4 communicat\$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac \$6 substitut\$4 correct\$) with (error\$4 loss lost) with (segment block frame)) | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 12:16 |

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|-----|---|--|-----------------------------|----|----|---------------------|
| S48 | 0 | @ad<"19991113" and ((distribut\$4 transmi\$4 transfer\$4 communicat\$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac\$6 substitut\$4 correct\$) with (error\$4 loss lost) with (segment block frame)) | US-PGPUB; USPAT; UPAD | OR | ON | 2011/01/11 12:18 |
|-----|---|--|-----------------------------|----|----|---------------------|

1/11/2011 5:19:55 PM

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